

Effective July 6, 1981
(Prices in U.S. Dollars)

CLUSTER ONE MODEL A

MODEL NUMBER	DESCRIPTION	U.S. SUGGESTED RETAIL
DISK PRODUCTS		
A-2001 Floppy Disk Subsystem.	Dual double-sided 8" flexible diskette drives; 1.26 MB total formatted capacity. Includes cable and controller card for Apple II. Can be used as minimum system storage device and can also be used as back-up with Hard Disk configurations. Specify voltage.	\$3595.
A-2002 Hard Disk 16.5 MB Subsystem.	14" Winchester-technology non-removable hard disk. Includes cable and controller card for Apple II. 16.5 Mbyte total formatted capacity. Specify voltage.	\$7995.
A-2003 Hard Disk 33 MB Subsystem.	Specifications same as A-2002 above, but total formatted capacity 33 Mbytes. Specify voltage.	\$9995.
SUPPORT PRODUCTS		
A-2101 Clock/Calendar Card.	Quartz controlled, Battery back-up (4 weeks duration). Provides day of week, date (day, month, year), and time (hour, minute, second). Includes software support for network usage at user stations and by the File Server (A-2801). Software is packaged with A-2801.	\$ 495.
TAPE PRODUCTS		
A-2401 Cartridge Tape Drive.	For use as a back-up to Nestar hard disks A-2002, A-2003. Read/writes 1000 bytes per inch, 30,000 bytes per second, with 20MB per cartridge. Includes drive, cable, one 1/4", 450 ft. tape cartridge and interface to Network File Server station, including licensed program (product number A-2804) which is a set of utilities for full and incremental dump/restore.	\$4275.

MODEL NUMBER	DESCRIPTION	U.S. SUGGESTED RETAIL
NETWORK INTERFACE PRODUCTS		
A-2701	Network Interface Card. For Apple II computers. One required for each user station. Transmits data to other Apples on the same network at approx. 240,000 bps. All transmissions are data-checked. Requires 16-wire cable, not included. (See section on Network Cable Products.) Up to 65 cards per network.	\$ 395.
A-2702	Network File Server Interface Card. Same specifications as A-2701 but with Pull-up resistors and A-2801 support ROM. Used to connect Network File Server Apple to the network. Station address of \$FE.	\$ 405.
A-2703	Network File Server Interface Card. Same specifications as A-2702 but without Pull-up resistors. Used for Second or subsequent File Servers on same network.	\$ 405.
A-2704	Network Interface Card. Same specifications as A-2701 but with Pull-up resistors. Used for network without a File Server.	\$ 395.
PROGRAM PRODUCTS		
A-2801	Network File Server Program, Version 1.1 Network file management system manages up to 2 of any combination A-2002 or A-2003 plus one A-2001. Requires 64K Apple II. Supports user stations running DOS (3.2.1 or 3.3) and Pascal 1.1. Licensed for use only with a single designated (by serial number) A-2702 or A-2703.	\$1995.*
A-2802	"THE MESSENGER." Electronic Mail application program. Requires user stations to be 64K Apple II and A-2701.	\$2250.*
A-2803	Network Printer Server Program, Version 1.1 Provides spooling and print services for all stations. Requires 64K Apple II and one A-2701	\$ 195.*
*one-time license fee.		
SUPPLIES		
S-2401	1/4", 450 ft. tape cartridge Tape is fully tested and certified for use with the A-2401 tape drive.	\$ 250.
S-2001	8" floppy diskettes for use with A-2001. Supports single-density, double-sided drives. Prices per diskette.	\$ 8.

**MODEL
NUMBER**

DESCRIPTION

**U.S.
SUGGESTED
RETAIL**

NETWORK CABLE PRODUCTS

Network cabling is available in two **standard** lengths or in custom lengths, with appropriate connectors. Round shielded cable or three types of 16-wire flat ribbon cable are available: (1) standard, (2) heavy-duty, jacketed, and (3) ground plane.

STANDARD LENGTH CABLES

A-2902 Network Cable. 2 meter (6.5 ft.), 16-wire flat cable with 2 female IDC-16 connectors.	\$18.
A-2905 Network Cable 5 meter (16.3 ft.), 16-wire flat cable with 2 female IDC-16 connectors.	\$25.

CUSTOM LENGTH CABLES (Specify length in meters or feet.)

A-2910 Gray 16-wire flat cable with IDC-16 female connectors on each end. Plugs into A-270X Network Interface Cards.	\$16. plus .75/ft.
A-2911 Gray 16-wire flat cable with heavy duty black protective sheath and IDC-16 female connectors on each end. Plugs into A-270X Network Interface Cards.	\$16. plus 3.00/ft.
A-2912 Gray 16-wire flat cable with ground plane with IDC-16 female connectors on each end. Plugs into A-270X Network Interface Cards. For use in high electrical noise environments.	\$16. plus 3.00/ft.
A-2913 Black jacketed 15-wire round shielded cable with DB-15 male connector on one end and DB-15 female connector on other end. Plugs into the A-2914. For maximum radiation shielding.	\$48. plus 1.80/ft.
A-2914 Round cable to flat cable interface with DB-15 male connector on one end, DB-15 female connector on other end, and IDC-16 male connector in the middle. Used for interfacing round cable bus to flat drops.	\$45.

CABLE COMPONENTS

A-2920 Gray 16-wire flat ribbon.	\$.75/ft.
A-2921 Gray 16-wire flat ribbon with heavy-duty black protective sheath.	\$3.00/ft.
A-2922 Gray 16-wire flat ribbon with ground plane.	\$3.00/ft.
A-2923 Black jacketed 15-wire round shielded cable.	\$1.80/ft.
A-2924 IDC-16 male insulation displacement connector for custom fabrication of network cabling.	\$8. each
A-2925 IDC-16 female insulation displacement connector for custom fabrication of network cabling.	\$8. each
A-2926 DB-15 male insulation displacement connector for custom fabrication of network cabling.	\$20. each
A-2927 DB-15 female insulation displacement connector for custom fabrication of network cabling.	\$20.

NESTAR SALES LITERATURE

Publication Number	Publication	U.S. SUGGESTED RETAIL
G120-0100-0	NESTAR Company-Product Brochure	*
G120-0103-0	"Your Apple Works" Brochure with reply card	*
GA20-0101-0	Cluster/One Model A Data Sheet	*
GA20-0102-0	Nestar Cartridge Tape Drive Data Sheet	*
G120-0102-1	Cluster/One Model A Retail Price List	*
G500-1000-0	Cluster/One Model A Ad Reprint: "Enjoy Local Networking"	*
G500-1001-0	COMPCON 1981 Reprint Cluster/One Model A Technical Overview	*
G500-1002-0	Electronics Magazine Reprint, June 1981	*
SV20-1000-0	Nestar Slide Presentation Entitled: "Why Microcomputer Networks?"	\$240.00
S100-0100-0	NESTAR Display Poster: "Local Networking with a Difference"	\$ 15.00

*No charge for single quantities.

S120-1000-0	NESTAR Logo 3-Ring Binder (holds 2 manuals)	\$ 9.00
LC20-0102-0*	Cluster/One Model A Network File Server, Version 1.1 System Manager's Manual (Licensed Publication)	\$ 25.00
LC20-0101-0*	Cluster/One Model A Network File Server, Version 1.1 User Manual (Licensed Publication)	\$ 25.00
GA20-0103-0	Cluster/One Model A Cartridge Tape Drive System Manager's Guide	\$ 9.00
GH20-0100-0	THE MESSENGER System Manager's and User's Guide	\$ 21.00
GC20-0103-0	Cluster/One Model A Network Printer Server System Manager's Guide	\$ 15.00
GX20-0102-0	Cluster/One Model A System Manager's Reference Card	\$ 1.50
GX20-0101-0	Cluster/One Model A User's Reference Card	\$ 1.50

*Licensed Publications require a signed Software License Agreement before delivery.

Cluster/One Model A is a trademark of Nestar Systems Incorporated.
Apple II is a trademark of Apple Computer Corporation.

Prices are subject to change without notice.

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